

High output subwoofer, self-powered class D, equipped with two 18" (4" voice coil) speakers. DSP controlled with 3000W, 135 dB SPL.



Key features

- 3000W Class D Powered
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- Online monitoring available

Applications

- Fixed installations
- Houses of worship
- Touring
- Clubs
- Theatres
- Live PA

General description & specifications

The GXR-D18A is part of the GXR line array system (ideal for install projects and live events where a compact line array is required). This subwoofer is the perfect solution where extreme low frequency support is required.

The GXR-D18A is a self-powered (class D) enclosure and uses two 18" (4" coil) Low Frequency drivers. The GXR-D18A subwoofers

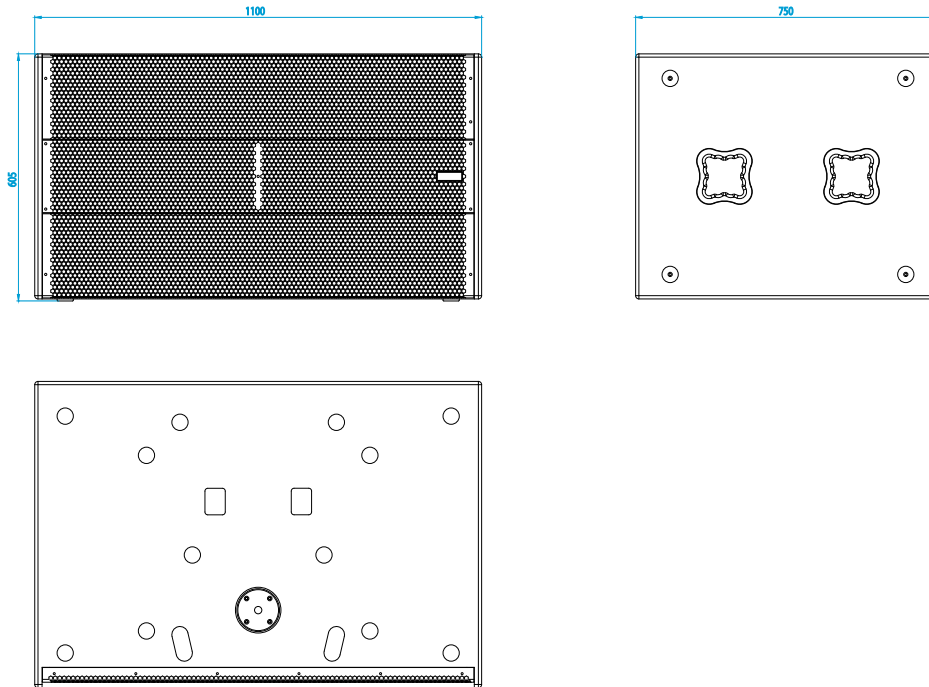
are specifically designed to be stacked and are very easy to use and control without the need for any external amps.

The GXR-D18A has a selection of rigging hardware & accessories available: Transport dolly, nylon protection cover, rain hood, etc.

Technical Data

Components	
• LF:	2 x 18", 4" voice coil, magnetic assembly
Frequency range	30 Hz - 120 Hz (-10dB)
Frequency response	35 Hz - 100 Hz (± 3dB)
Max SPL	135 dB / 141 dB peak
Coverage angle	Omnidirectional
Power	3000 W Class D with switching power supply & PFC 1 x 3000 W
Processing	96 KHz / 64 bit double-precision, DSP with FIR filter linear phase
Control	User control interface with 2.8" IPS screen
Control connections	USB (DSP updating) / Ethernet (OCS)
Input	Analog / AES3 (optional)
AC Power	90 – 264V. 50/60 Hz with PFC
AC Connectors	16A Neutrik powercon true1 TOP with looping output
Finish	Polyurea coating, high grade resistant paint
Material	18 mm Premium birch plywood
Dimensions	605 x 1100 x 750 mm (H x W x D)
Weight	92 Kg (202 lbs)

Dimensional Drawing



Accessories

	CA-GXRD18	Transport dolly for GXR-D18A
	FD-GXRD18NL	Rain cover for the back panel of the GXR-D18A
	FD-GXRD18/2 FD-GXRD18/3	Nylon protection cover for 2 or 3 GXR-D18A subwoofers
	GR-18WKIT	Wheel kit for subwoofer GXR-D15A and GXR-D18A

Amplification & DSP

Bi-amplified Class D with switching power supply and PFC (Power Factor Correction). With PFC the power supply regulates itself when AC mains change, so the amp power output will not change with mains swinging. The amplification far exceeds the transducers needs thus resulting in high output, high damping factor and extremely low levels of distortion.

This system is also very environmentally friendly with a reduction of approximately 40% of current draw.